

Brief Spec. : 12.1"XGA Anti-reflection model

Features

- Anti-reflection surface
- Natural Color Matrix
- High brightness 320cd/m²
- Long lamp life 50,000 hours
- Replaceable backlight lamp unit
- Reverse scan
- LVDS interface
- Wide operation temperature range (-20~70 °C)
- RoHS compliance

Type Name	AA121XH04	
Schedule	MP Now	
Screen Size/ Resolution	31cm (12.1-inch)/ XGA	
Active Screen Area [mm]	245.8 (H) x 184.3 (V)	
Number of Pixels	1024 x (H) x 768 (V)	
Pixel Pitch [mm]	0.240 (H) x 0.240 (V)	
Contrast Ratio	600:1	
Brightness [cd/m ²]	320 (IL=6.0mA)	
Viewing Angle [CR>10, °]	-60~60 (H), -75~45 (V)	
Optimum Viewing Angle (Max. Contrast)	6 o'clock	
Number of Colors	262k colors (6 bit/color), 16.7M colors (8 bit/color)	
Color Reproduction (vs. NTSC) [%]	40	
Natural Color Matrix	Yes	
Backlight	CCFL 2-tubes (replaceable)	
Lamp Life [h]	50,000	
Interface	LVDS	
Power Consumption [W]	7.5	
Power Supply [V]	3.3	
Reverse Scan Function	Available	
Module Outline Dimensions [mm]	W	280.0
	H	210.0
	D	12.0
Module Mass [g]	720	
Operation Temperature Range[° C]	-20~70	
Storage Temperature Range[° C]	-20~80	
Surface Treatment	Anti-reflection, hard-coating 2H	